

## § 241.5

(1) When a barrel or subdivision thereof has two heads, the tolerance shall be applied to the mean of the average diameters from inside to inside of staves at the inner edges of the heads.

(2) When a barrel or subdivision thereof has but one head and a croze ring or other means for the insertion of a head at the opposite end, the tolerance shall be applied to the mean of the average diameters, one taken from inside to inside of staves at the inner edge of the head, the other from inside to inside of staves at the inner edge of the croze ring, or from inside to inside of staves at a point where the inside surface of a head would come were such head inserted in the barrel.

(3) When a barrel or subdivision thereof has but one head and no croze ring or other means for the insertion of a head at the opposite end, the tolerance shall be applied to the mean of the average diameters, one taken from inside to inside of staves at the inner edge of the head, the other taken from inside to inside of staves at a point  $1\frac{1}{8}$  inches from the end of the staves in the case of a barrel or  $\frac{3}{4}$  barrel, or at a point 1 inch or  $\frac{7}{8}$  inch from the end of the staves in the case of a  $\frac{1}{2}$  barrel or  $\frac{1}{3}$  barrel, respectively.

(c) The standard allowance for depth of croze ring shall be  $\frac{3}{16}$  inch. Therefore, the standard "effective diameter of head" in the case of the standard barrel is  $16\frac{3}{4}$  inches and in the case of the standard cranberry barrel is  $15\frac{7}{8}$  inches.

### § 241.5 Standard dimensions.

Whenever in the rules and regulations in this part the error on a dimension is mentioned, this error shall be determined by taking the difference between the actual measured dimension and the standard dimension. The error is an error in excess and is to be preceded by a plus sign when the measured dimension is greater than the standard dimension. The error is an error in deficiency and is to be preceded by a minus sign when the measured dimension is less than the standard dimension.

(a) The standard dimensions of a barrel for fruits, vegetables, and other dry commodities other than cranberries,

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and of a barrel for cranberries, with which the actual measured dimensions are to be compared, are as follows:

Dimensions	Barrel for fruits, vegetables, and other dry commodities other than cranberries (inches)	Barrel for cranberries (inches)
Diameter of head .....	$17\frac{1}{8}$	$16\frac{1}{4}$
Effective diameter of head (see § 241.4) .....	$16\frac{3}{4}$	$15\frac{7}{8}$
Distance between heads .....	26	$25\frac{1}{4}$
Circumference of bulge, outside measurement .....	64	$58\frac{1}{2}$
Length of stave .....	$28\frac{1}{2}$	$28\frac{1}{2}$

(b) In the case of all subdivisions of the barrel for fruits, vegetables, and other dry commodities other than cranberries, and all subdivisions of the barrel for cranberries, the following dimensions are hereby standardized for the purpose of the application of tolerances, and the actual measured dimensions are to be compared with these:

SUBDIVISIONS OF BARREL FOR FRUITS, VEGETABLES, AND OTHER DRY COMMODITIES OTHER THAN CRANBERRIES

Dimensions	$\frac{3}{4}$ barrel (inches)	$\frac{1}{2}$ barrel (inches)	$\frac{1}{3}$ barrel (inches)
Effective diameter of head (see § 241.4) .....	$15\frac{1}{4}$	$13\frac{3}{8}$	$11\frac{1}{8}$
Distance between heads .....	$23\frac{1}{2}$	$20\frac{1}{2}$	18
Circumference of bulge, outside measurement .....	$58\frac{1}{2}$	$51\frac{1}{2}$	$45\frac{1}{4}$

SUBDIVISIONS OF BARREL FOR CRANBERRIES

Dimensions	$\frac{1}{2}$ barrel (inches)	$\frac{1}{3}$ barrel (inches)
Effective diameter of head (see § 241.4) .....	$14\frac{3}{8}$	11
Distance between heads .....	23	$17\frac{1}{2}$
Circumference of bulge, outside measurement .....	$53\frac{3}{8}$	$41\frac{3}{8}$

(Sec. 1, 38 Stat. 1186; 15 U.S.C. 234)

### § 241.6 Classes of barrels for tolerance application.

For the purpose of the application of tolerances, barrels for fruits, vegetables, and other dry commodities other than cranberries, are hereby divided into two classes as follows:

(a) Class 1 shall include (1) all barrels no dimension of which is in error by more than the following amounts, and (2) all barrels one or more of the dimensions of which are in error by more than the following amounts, and which in addition have no dimension in error in the opposite direction: